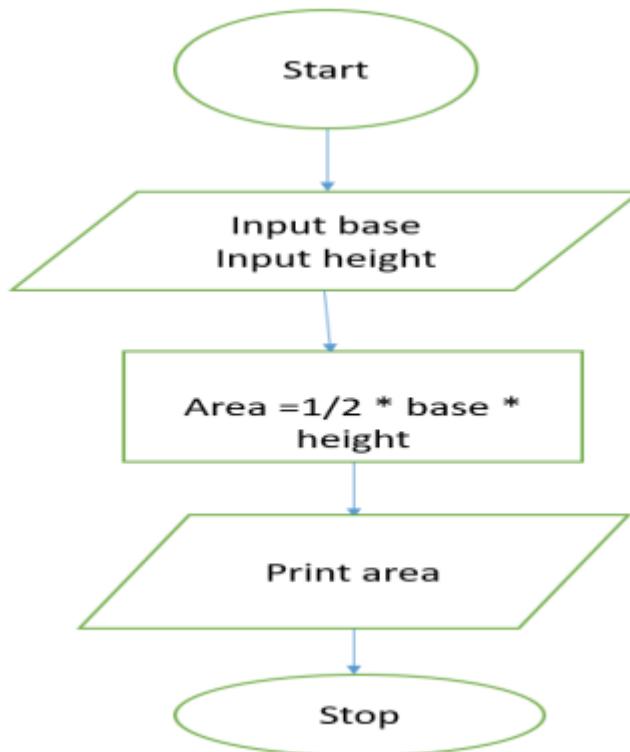


EX-1.1.4- AREA OF TRIANGLE

ALGORITHM

1. Start
2. Read the base of the triangle
3. Read the height of the triangle
4. Compute the area using the formula:
$$\text{area} = 0.5 \times \text{base} \times \text{height}$$
5. Display the area formatted to two decimal places
6. End

FLOWCHART:

CODE:

The screenshot shows a code editor interface with a light gray background. On the left, there is a text area containing instructions and formulas for calculating the area of a triangle. On the right, there is a code editor window titled "triangleA..." with four lines of Python code. Below the code editor is a terminal window showing the output of the program.

1.1.4. Area of Triangle

Write a Python program that prompts the user to enter the triangle's base and height and computes the triangle's area.

Formula: $\text{Area of Triangle} = 0.5 \times \text{base} \times \text{height}$.

Input Format:

- The first line of input is the float value that represents the base of the triangle.
- The second line of input is the float value that represents the height of the triangle.

Output Format:

- The output is the floating point value that represents the area of a triangle, formatted to two decimals.

triangleA...

```
1 base=float(input())
2 height=float(input())
3 area_of_triangle=0.5*base*height
4 print(f'{area_of_triangle:.2f}')
```

67
4
134.00
--- YOUR PROGRAM HAS ENDED ---